

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Tribal Contract # 71
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache Tribe
2. NAME OF OPERATOR Chace Oil Company, Inc.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 313 Washington, S.E., Albuquerque, New Mexico 87108		8. FARM OR LEASE NAME # 71 Jicarilla Tribal Contract
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface Unit 'L' 1730' FSL + 940' FUL At proposed prod. zone		9. WELL NO. 28 29
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 17 miles W-SW of Lindrith, New Mexico		10. FIELD AND POOL, OR WILDCAT S. Lindrith, Gallup-Dakota
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST 1730' Lease Line PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 380' Unit Line		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA L Sec. 10, T23N, R4W
16. NO. OF ACRES IN LEASE 1920		12. COUNTY OR PARISH Rio Arriba
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE New Mexico
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 910'		19. PROPOSED DEPTH 7394'
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* 5/1/84
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 7134' GR		23. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS" PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to administrative
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 3/4"	24# (J-55)	225'	225 SXS (266 CF) Class B cement
7 7/8"	4 1/2"	11.6# (N-80)	7460'	1st stage: 750 SXS (1073 CF) 50/50 pozmix 2nd stage: 505 SXS (1177 CF) 65/35 pozmix, 12% gel 40 SXS (47 CF) Class B cement

Drill 230' of 12 1/4" surface hole. Set 225' of 8 5/8" casing. Cement to surface with 225 SXS (266 CF) cement. Use an oil base mud (15% oil), and a Schaeffer 5000# standard doublegate hydraulic BOP. Drill 7 7/8" hole to 7394' to test Dakota formation.

Wasatch formation on surface. Estimated tops: Ojo - 2435'; Pictured Cliffs - 2367'; Chacra - 2785'; Cliff House - 3168'; Point Lookout - 4353'; Gallup - 5632'; Tocito - 6647'; Greenhorn - 6972'; Dakota 'A' - 7067'; Dakota 'D' - 7192'; Burro Canyon - 7294'.

D. V. Tool at 2407'. Float Collar at 7254'.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED <i>Lee Ve Jensen</i> TITLE Landman	
(This space for Federal or State office use)	
PERMIT NO. _____	APPROVAL DATE _____
APPROVED BY _____	TITLE _____
CONDITIONS OF APPROVAL, IF ANY: _____	
APR 06 1984	
OIL CON. DIV.	
*See Instructions On Reverse Side	
NMOcc	

APPROVED

AS AMENDED

DATE APR 04 1984

Lee Ve Jensen

AREA MANAGER
FARMINGTON RESOURCE AREA

Adm

All distances must be from the outer boundaries of the Section.

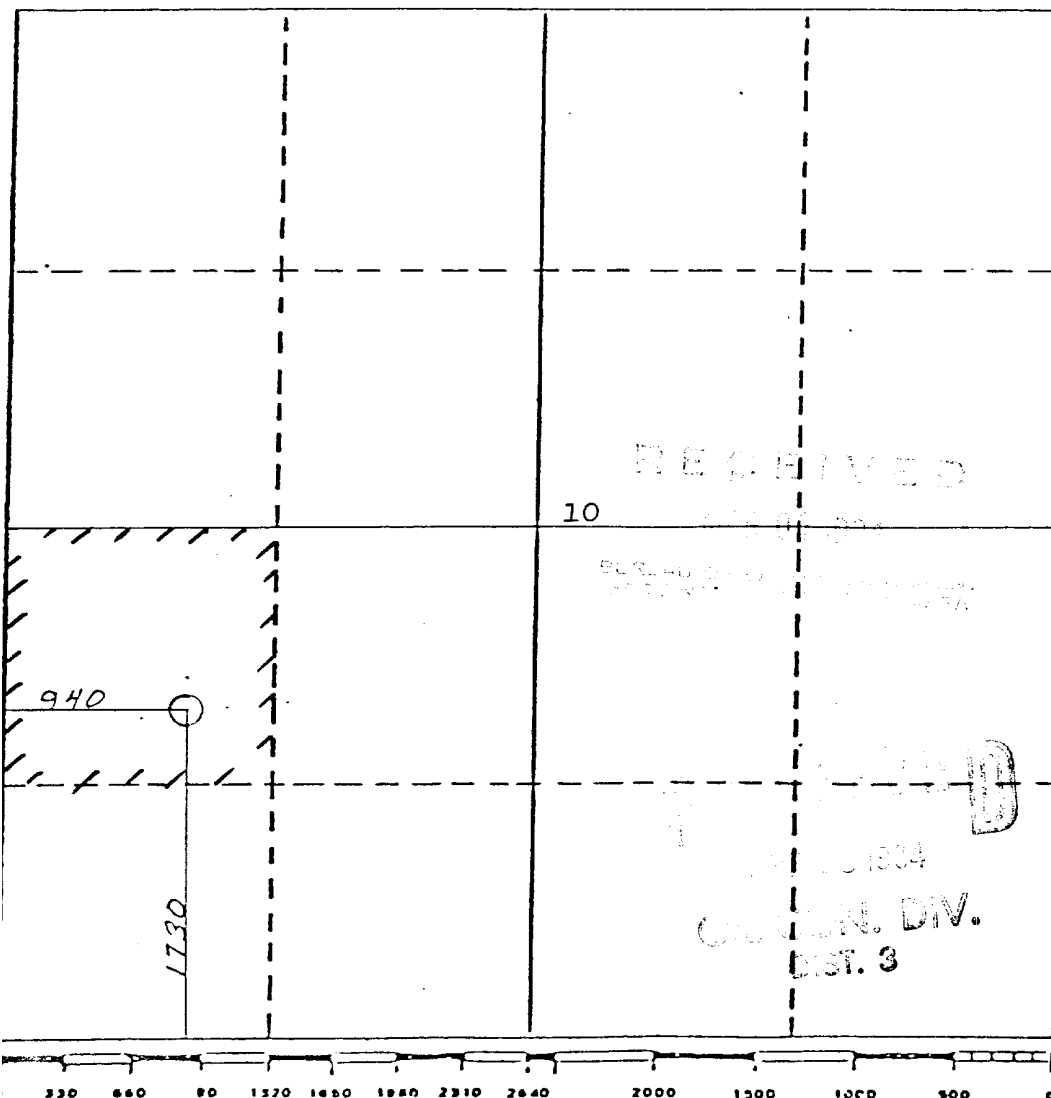
Operator CHACE OIL COMPANY, INC.			Lease Vicariilla Tribal Contract #71		Well No. 71-29
Unit Letter L	Section 10	Township 23 NORTH	Range 4 WEST	County RIO ARriba	
Actual Footage Location of Well: 1730 feet from the SOUTH line and 940 feet from the WEST line					
Ground Level Elev. 7184	Producing Formation Gallup-Dakota		Pool S-Lind. with Gallup, Dakota	Dedicated Acreage: 40 Acres:	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No — If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name *Loss Eastahig*
 Position *Landman*
 Company *Chace Oil Co, Inc*
 Date *3-1-84*

I hereby certify that the well location shown on this plat was plotted from field notes or actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

(Signature)

Date Surveyed _____

November 29, 1983
 Registered Professional Engineer
 and/or Land Surveyor

Michael Daly

Certificate No.
5992

